

**HUNTON &
WILLIAMS**

April 12, 2002



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3732

In re Patent Application of:
JENS PETERSEN

Attorney Docket No.: **60117.000005**

Application No.: 09/938,668

Group Art Unit: 3732

Filed: August 27, 2001

Examiner: To Be Assigned

Title: **POLYACRYLAMIDE HYDROGEL FOR ARTHRITIS**

Commissioner for Patents
Washington, DC 20231

Transmitted herewith is an amendment in the above-identified application. Fees have been calculated as shown below:

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CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
Number of Claims in Excess of 20	45	35	0	\$ 18.00	\$ 9.00	\$ 180.00
Independent Claims in Excess of 3	4	4	0	\$ 84.00	\$ 42.00	\$ 0.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$ 270.00
Extension Fee: a) One Month				\$ 110.00	\$ 55.00	\$ 0.00
b) Two Months				\$ 400.00	\$ 200.00	\$ 0.00
c) Three Months				\$ 920.00	\$ 460.00	\$ 0.00
d) Four Months				\$ 1440.00	\$ 720.00	\$ 0.00
e) Five Months				\$ 1960.00	\$ 980.00	\$ 0.00
Other:						\$ 0.00
TOTAL FEE DUE						\$ 450.00

- ☐ No additional fee is required.
☐ A check in the amount of \$ _____ is attached.
☒ Charge \$ **450.00** to Deposit Account No. 50-0206.
☒ Charge any additional fees or credit any overpayment to Deposit Account No. 50-0206.
Small Entity Status Claim:
☐ is hereby requested.
☐ is of record in this application.

Respectfully submitted,

By:

Stanislaus Aksman
Registration No. 28,562

SA/pm

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :

Jens Petersen

Serial No.: 09/938,668

Filed: August 27, 2001



Group Art Unit No. 3732

Examiner: TO BE ASSIGNED

For: POLYACRYLAMIDE HYDROGEL FOR ARTHRITIS

SECOND PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Prior to the examination of the above-identified patent application, please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows:

I. On Page 2, lines 20-22, please delete the paragraph and replace it with the following replacement paragraph.

There is the need in the art for additional materials for use as an artificial cartilage such as in weight-bearing joints. The present invention is directed to a material and prosthetic device for use in the treatment of arthritis and to supplement or replace cartilage.

II. On Page 3, lines 1-5, please delete the paragraph and replace it with the following replacement paragraph.

A central object of the invention is to provide a hydrogel for use in the treatment or prevention of arthritis, said hydrogel obtainable by combining acrylamide and methylene bis-acrylamide in amounts so as to give about 0.5 to 25% by weight polyacrylamide, based on the total weight of the hydrogel; radical initiation; and washing with pyrogen-free water or saline solution.

04/15/2002 HADD11 00000046 500206 09938668

01 FC:102 160.00 CH
02 FC:103 270.00 CH

Adjustment date: 05/28/2002 SSALEEKU
05/28/2001 BSHYAS11 00000020 09938668
02 FC:102 160.00 OP
02 FC:103 270.00 OP
05/28/2002 SSALEEKU 00000015 09938668
01 FC:102 84.00 OP
02 FC:103 72.00 OP
Repin. Ref: 05/28/2002 SSALEEKU 0010081600
DAH:500206 Name/Number:09938668
FC: 704 \$274.00 CR

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